

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : COOPER, Richard et al.  
U.S. Serial No : 10/609,019  
Filing Date : June 26, 2003  
For : *GENE REGULATION IN TRANSGENIC ANIMALS USING  
A TRANSPOSON-BASED VECTOR*  
Examiner : Singh, A.  
Art Unit : 1632

**SUBMISSION OF CORRECTED SEQUENCE LISTING AND AMENDMENT**

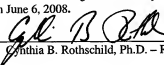
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant has reviewed the Sequence Listing as filed in the above-identified application and has noted a typographical error in SEQ ID NO. 43. Specifically, as described in the specification at page 92, line 32 to page 93, line 15, nucleic acids 1-4045 of SEQ ID NO: 43 are derived from pTnMOD, included in the specification as SEQ ID NO: 1, rather than pTnMCS. Applicant has prepared and electronically submits a substitute Sequence Listing correcting the typographical error found in SEQ. ID NO: 43. The .txt file satisfies the requirement for both a Computer Readable and a Paper Form of the Sequence Listing.

Applicant certifies that the enclosed substitute Sequence Listing does not include matter which goes beyond the disclosure of U.S. Patent Application Serial No. 10/609,019 filed June 26, 2003.

I hereby certify that this communication is being electronically filed with the United States Patent and Trademark Office via EFS-Web on June 6, 2008.

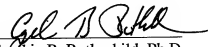
  
Cynthia B. Rothschild, Ph.D. – Reg. No. 47,040

**IN THE SPECIFICATION**

In the original application, please remove the sequence listing originally filed on June 26, 2003, and insert the enclosed Sequence Listing .txt file after the drawings.

Respectfully submitted,

Date: June 6, 2008

  
Cynthia B. Rothschild, Ph.D.  
Reg. No. 47,040

KILPATRICK STOCKTON, LLP  
1001 West Fourth Street  
Winston-Salem, North Carolina 27101-2400  
Telephone: 336.607.7300  
Facsimile: 336.607.7500  
File: 51687-287015